

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002685

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/18 C12Q1/37 C12N1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 03/012128 A (PLANT BIOSCIENCE LIMITED; BUTTNER, MARK, JEREMY; HONG, HEE-JEON; PAGET) 13 February 2003 (2003-02-13) page 2, line 15 - page 3, line 28 page 10, line 3 - page 11, line 23</p> <p style="text-align: center;">----- -/-</p>	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

3 February 2005

Date of mailing of the international search report

23/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BAPTISTA MARINA ET AL: "Mutations leading to increased levels of resistance to glycopeptide antibiotics in VanB-type enterococci"</p> <p>MOLECULAR MICROBIOLOGY, vol. 25, no. 1, 1997, pages 93-105, XP002316333 ISSN: 0950-382X page 93 abstract page 93, left-hand column, paragraph 1 - page 94, left-hand column, paragraph 1 page 101, left-hand column, paragraph 2 - right-hand column, paragraph 1</p>	
P,A	<p>DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; May 2004 (2004-05), HONG HEE-JEON ET AL: "Characterization of an inducible vancomycin resistance system in Streptomyces coelicolor reveals a novel gene (vanK) required for drug resistance." XP002316334 Database accession no. NLM15130128 abstract &amp; MOLECULAR MICROBIOLOGY. MAY 2004, vol. 52, no. 4, May 2004 (2004-05), pages 1107-1121, ISSN: 0950-382X</p>	
A	<p>DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 9 March 2001 (2001-03-09), HEGDE SUBRAY S ET AL: "FemABX family members are novel nonribosomal peptidyltransferases and important pathogen-specific drug targets" XP002316335 Database accession no. PREV200100271236 abstract &amp; JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 276, no. 10, 9 March 2001 (2001-03-09), pages 6998-7003, ISSN: 0021-9258</p>	
A	<p>NEU J M ET AL: "VANCOMYCIN RESISTANCE IN STREPTOMYCES COELICOLOR A3(2)" INTERSCIENCE CONFERENCE ON ANTIMICROBIAL AGENTS &amp; CHEMOTHERAPY, XX, XX, 17 September 2000 (2000-09-17), page 79, XP001153491 abstract</p>	

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TAN AI LIN ET AL: "Molecular cloning and functional characterisation of VanX, a D-alanyl-D-alanine dipeptidase from Streptomyces coelicolor A3(2)"  RESEARCH IN MICROBIOLOGY, ELSEVIER, AMSTERDAM, NL,  vol. 153, no. 1, January 2002 (2002-01),  pages 27-32, XP002250186  ISSN: 0923-2508  abstract</p>	
A	<p>ULIJASZ A T ET AL: "A VANCOMYCIN-INDUCIBLE LACZ REPORTER SYSTEM IN BACILLUS SUBTILIS: INDUCTION BY ANTIBIOTICS THAT INHIBIT CELL WALL SYNTHESIS AND BY LYSOZYME"  JOURNAL OF BACTERIOLOGY, WASHINGTON, DC, US,  vol. 178, no. 21, November 1996 (1996-11),  pages 6305-6309, XP001074640  ISSN: 0021-9193  cited in the application  abstract  page 6305, left-hand column, paragraph 1 - paragraph 3</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/002685

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03012128	A	13-02-2003	WO	03012128 A2	13-02-2003